

Fig.1

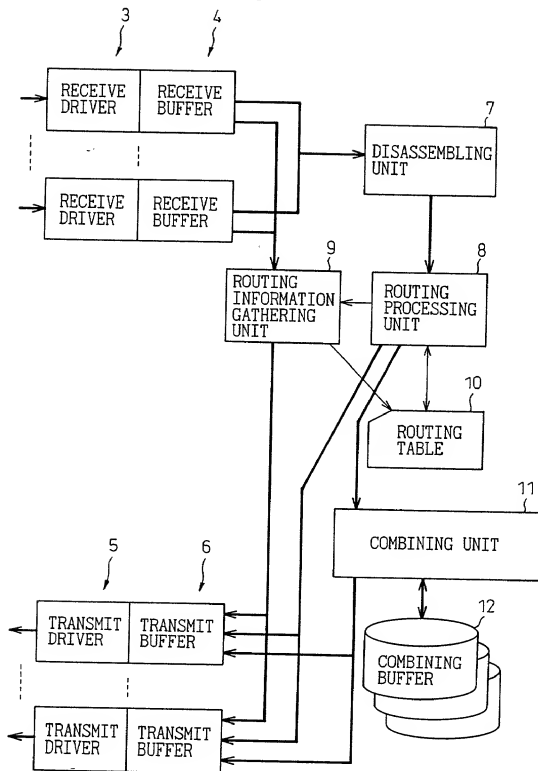


Fig.2

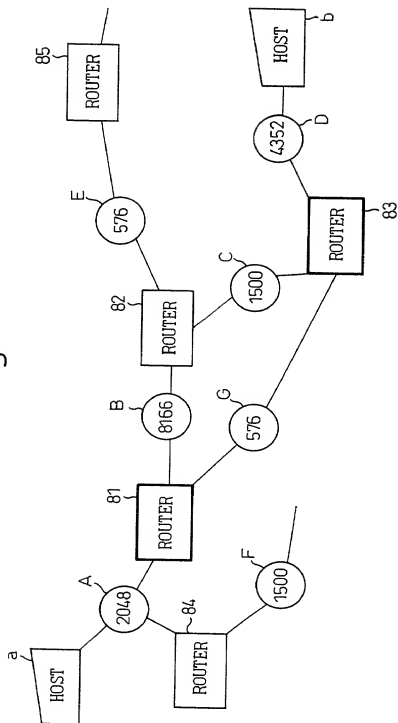


Fig.3

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER
D	82	2	1500	ACCEPTABLE	83
D	83	1	576	ACCEPTABLE	83
::	::	::	::	UN- ACCEPTABLE	::

Fig.4

ROUTING TABLE IN ROUTER 82

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER
A	81	1	2048	ACCEPTABLE	81
D	83	1	1500	ACCEPTABLE	83
::	::	::	::	UN- ACCEPTABLE	::

Fig.5

ROUTING TABLE IN ROUTER 83

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER
A	82	2	1500	ACCEPTABLE	81
A	81	1	576	ACCEPTABLE	81
::	::	::	::	UN- ACCEPTABLE	::

Fig.6

NETWORK ADDRESSES OF NETWORKS

NETWORK	NETWORK ADDRESS	SUBNET MASK
A	10. 100. 0. 0	255. 255. 0. 0
B	10. 0. 0. 0	255. 0. 0. 0
C	20. 0. 0. 0	255. 0. 0. 0
D	20. 210. 0. 0	255. 255. 0. 0
E	20. 200. 0. 0	255. 255. 0. 0
F	10. 100. 1. 0	255. 255. 255. 0
G	30. 0. 0. 0	255. 0. 0. 0

Fig.7

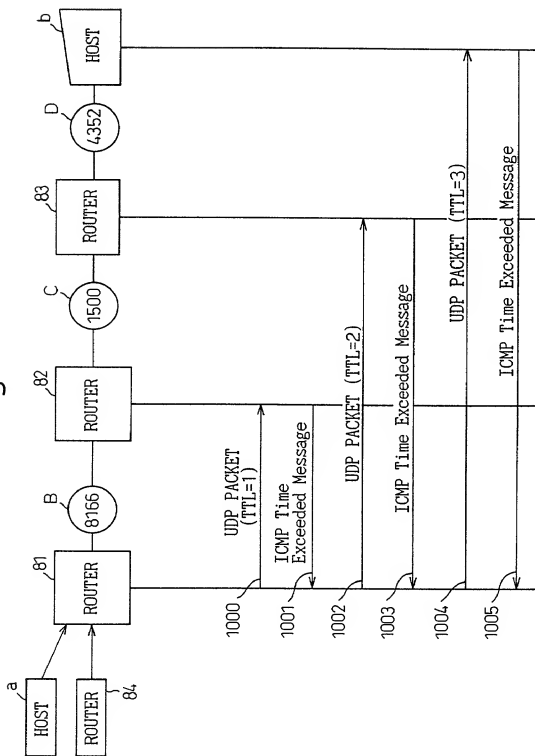


Fig.8

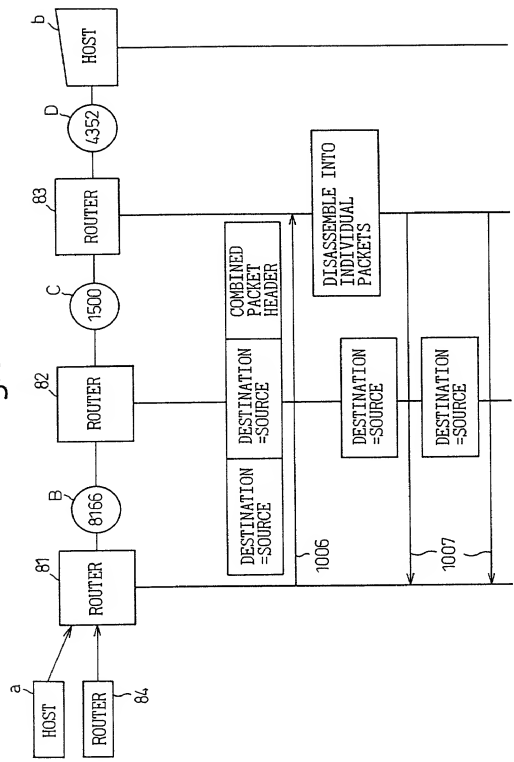
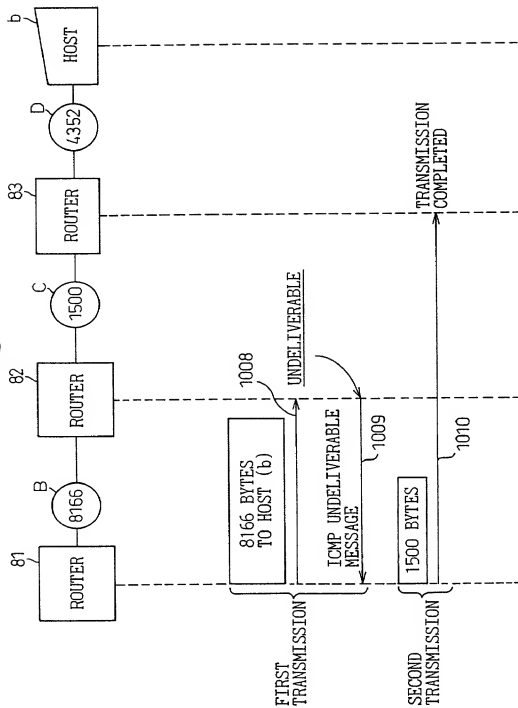
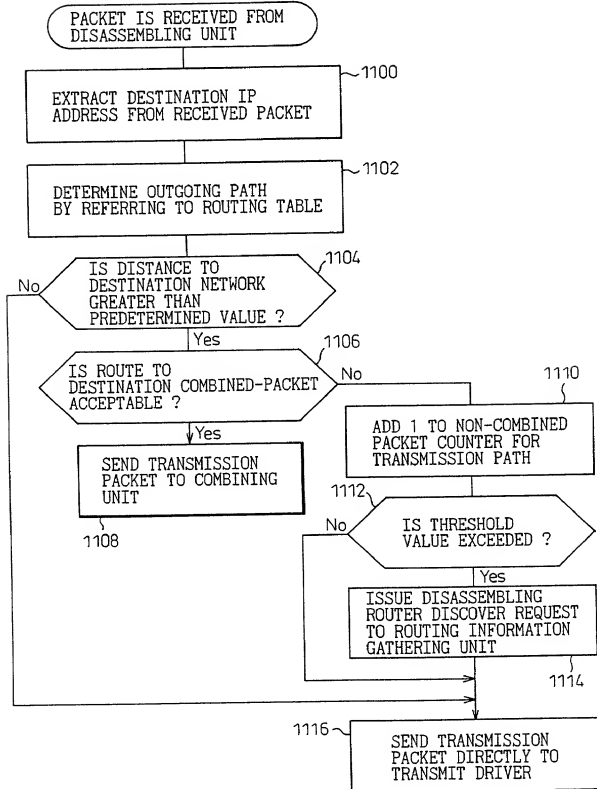


Fig.9



10/27

Fig.10



11/27

Fig.11

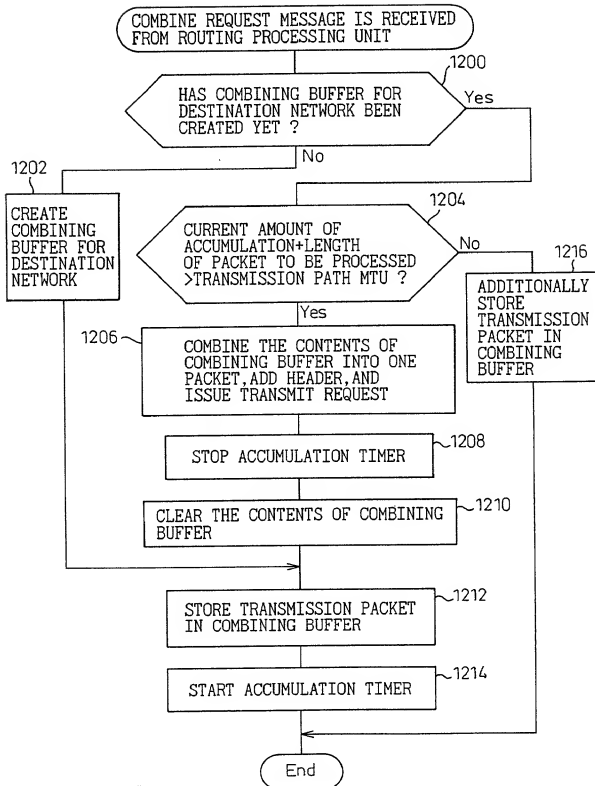


Fig.12

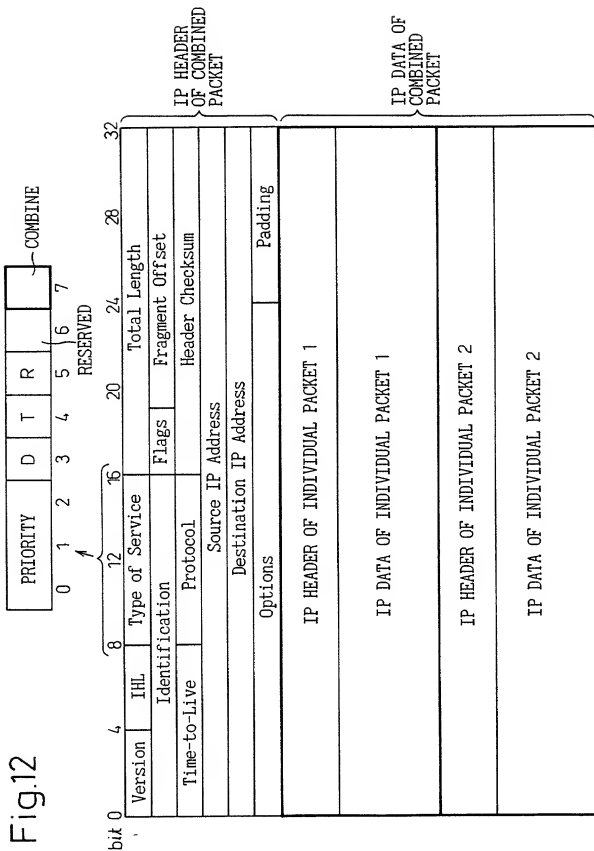


Fig.13

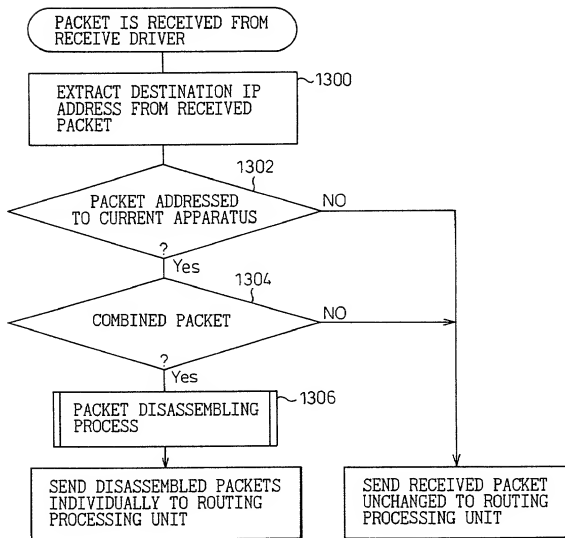
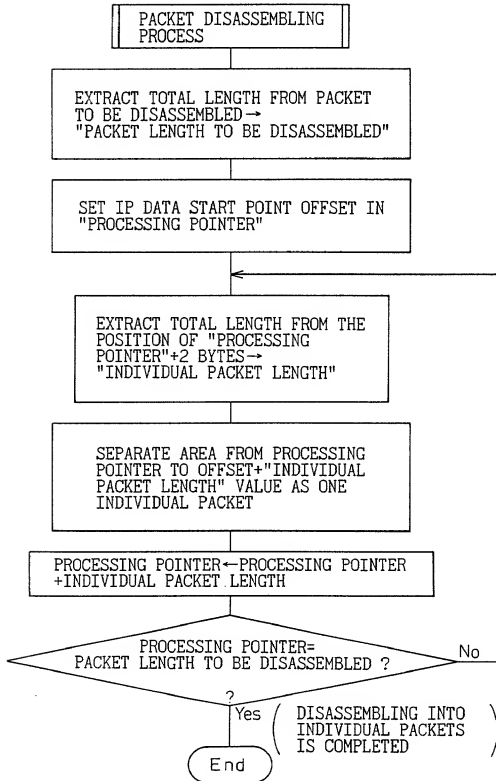


Fig.14



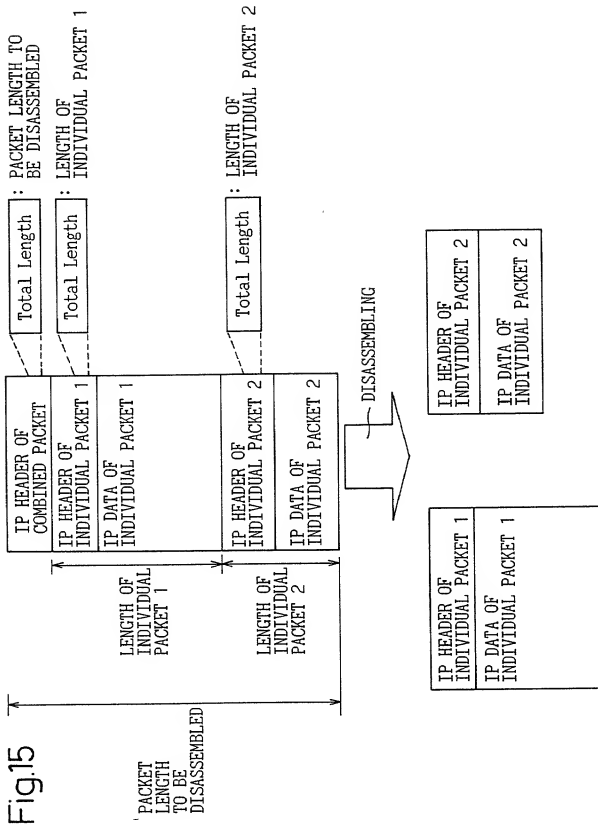


Fig.16

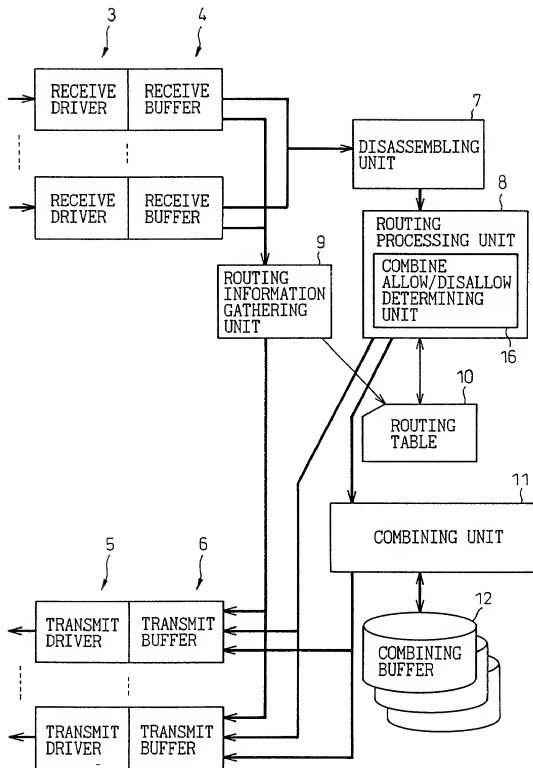


Fig.17

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DIS- TANCE	TRANSMISSION PATH MTU	COM- BINED PACKET	DISASSEM- BLING ROUTER	PATH ATTRIBUTE	NETWORK CONDITION
D	82	2	1500	ACCEP- TABLE	83	NON-REAL TIME ROUTE	CONGESTED
D	83	1	576	ACCEP- TABLE	83	REAL TIME ROUTE	NORMAL
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

Fig.18

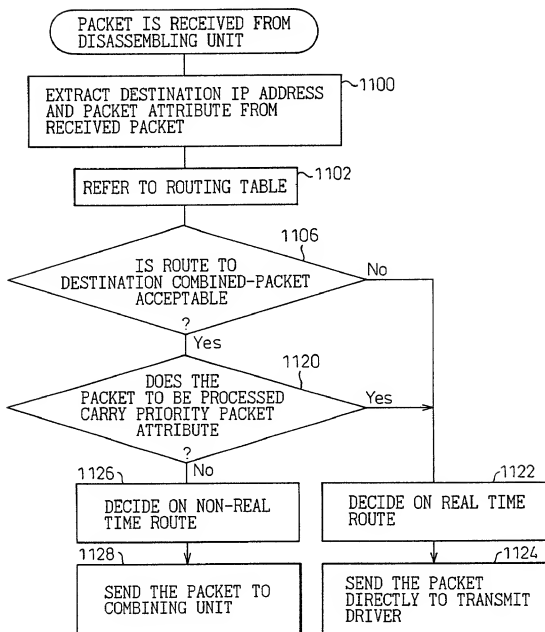


Fig.19

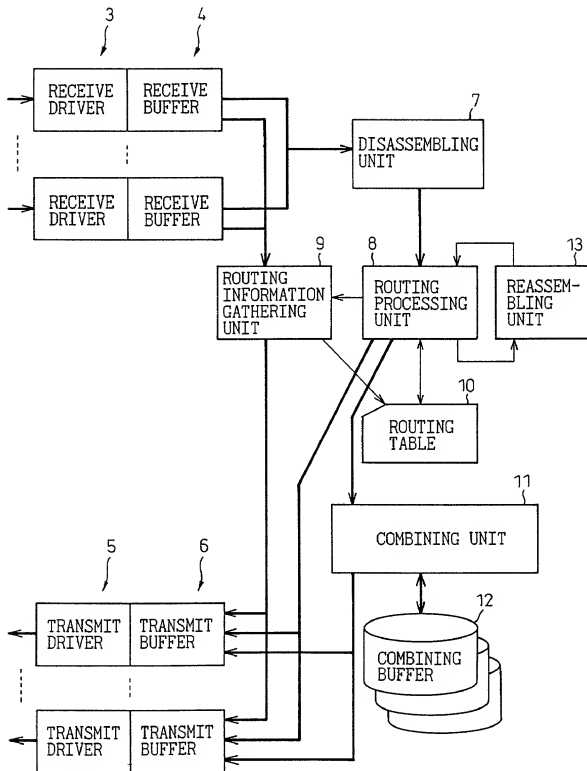


Fig.20

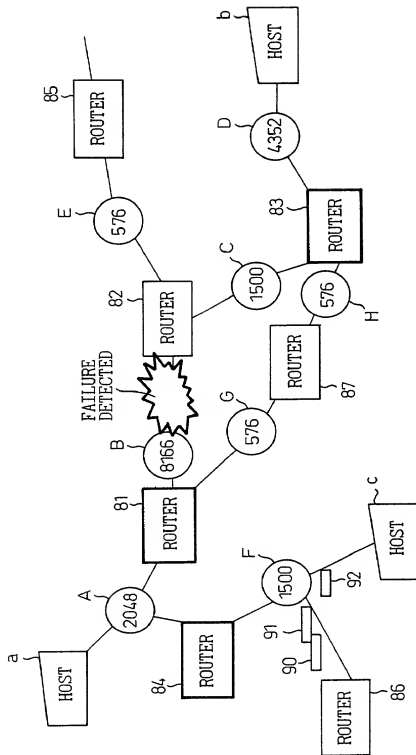


Fig.21

ROUTING TABLE IN ROUTER 84

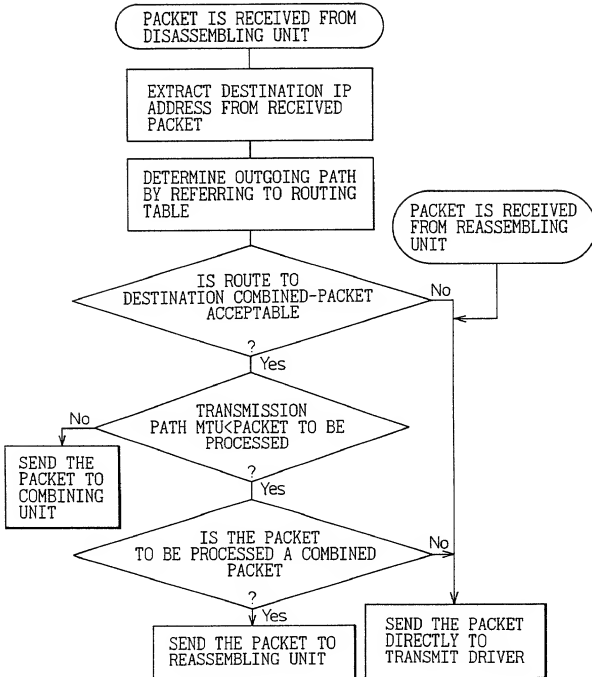
NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER	NETWORK CONDITION
D	81	3	1500	ACCEPTABLE	83	NORMAL
⋮	⋮	⋮	⋮	⋮	⋮	⋮

Fig.22

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER	NETWORK CONDITION
D	82	2	1500	ACCEPTABLE	83	<u>FAILED</u>
D	87	2	576	ACCEPTABLE	83	NORMAL
::	::	::	::	::	::	::

Fig.23



24/27

Fig.24

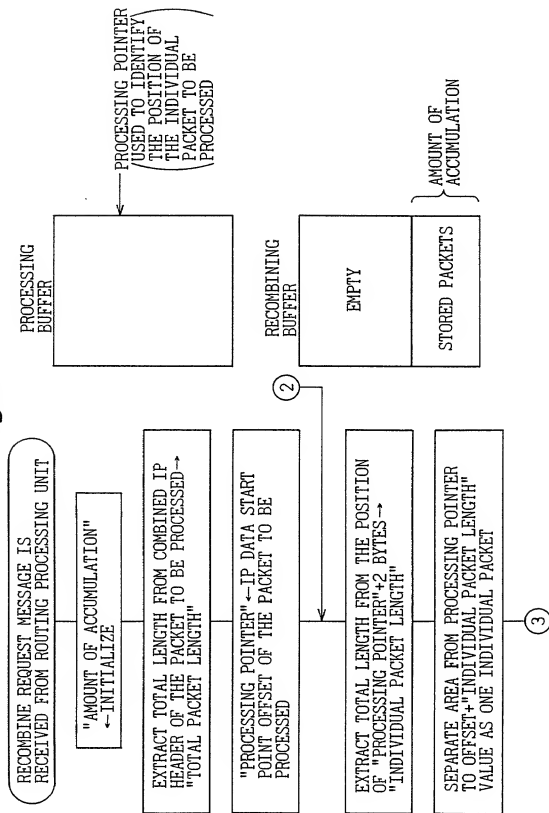


Fig.25

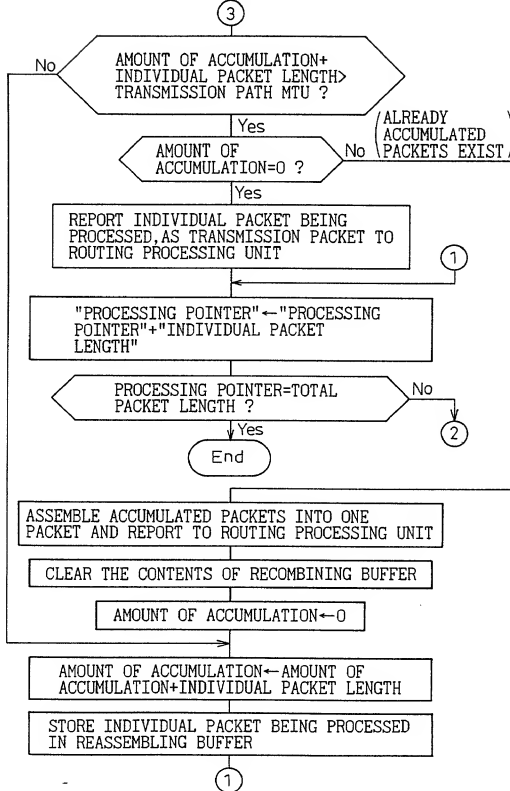
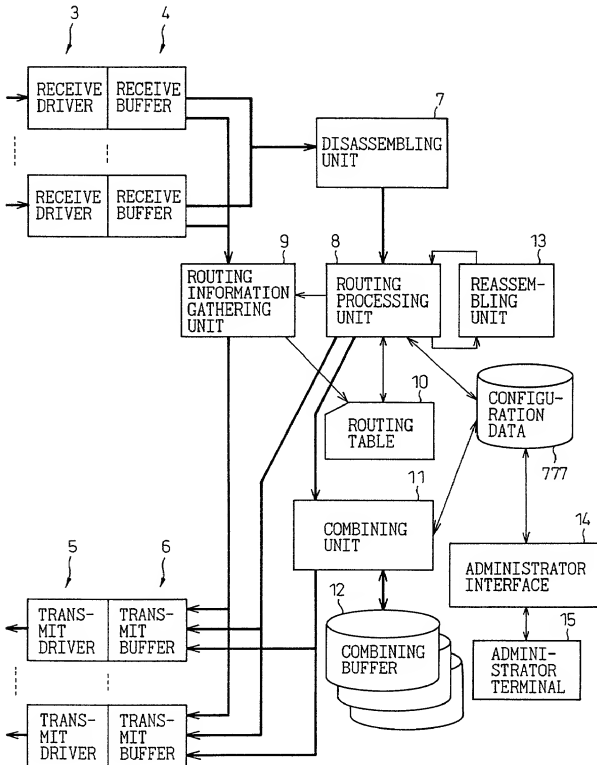


Fig.26



FOR ROUTING
PROCESSING
UNIT

FOR
COMBINING
UNIT